

# Upper Merrimack River Water Quality Assessment, 2004 Final 305(b) Report and 303(d) List

## Notes:

1. Data from the 2004 Final 305(b) Report and 303(d) List.
2. This list is a sub-set of the data from the 2004 Final 305(b) Report and 303(d) List.
3. See the Consolidated Assessment and Listing Methodology (CALM) for definitions and details regarding how the 305(b) Report and 303(d) List were developed <<http://www.des.state.nh.us/WMB/swqa/2004/>>.
4. TMDL stands for Total Maximum Daily Load study.
5. This list is sorted by Waterbody Type, Assessment Unit Name, and then Assessment Unit ID.
6. Impairment Categories:
  - 4B - Impaired or threatened for one or more designated uses but does not require the development of a TMDL because other pollution control requirements are reasonably expected to result in attainment of the water quality standard in the near future.
  - 4C - Impaired or threatened for one or more designated uses but does not require the development of a TMDL because the impairment is not caused by a pollutant.
  - 5 - Impaired or threatened for one or more designated uses by a pollutant(s), and requires a TMDL (this is the 303(d) List).
7. Waters on this list intersect the quarter miles buffer of the designated river reach.
8. An ArcGIS mapping application is available at <[www.des.nh.gov/WMB/swqa/2004/default.asp?go=aboutAUs](http://www.des.nh.gov/WMB/swqa/2004/default.asp?go=aboutAUs)>. Select "2004 - GIS Method for Finding the Location of a Surface Water, its AUID and Its Assessment Status." The help button in the upper right corner will lead you to guidance on use of the site.

## WATER TYPE: Impoundment

Assessment Unit Name	Primary Town	Size	Assessment Unit ID	Use Description	Attainment	Impairment Name	Source Name	TMDL Schedule
Merrimack River	Concord	250 acres	NHIMP700060302-07	Aquatic Life	Not Assessed			
				Drinking Water After Adequate Treatment	Not Assessed			
				Fish Consumption	Not Supporting	Mercury	Atmospheric Depositon - Toxics	2017
				Primary Contact Recreation	Fully Supporting			
				Secondary Contact Recreation	Fully Supporting			
				Wildlife	Not Assessed			

WATER TYPE: Lake

Assessment Unit Name	Primary Town	Size	Assessment Unit ID	Use Description	Attainment	Impairment Name	Source Name	TMDL Schedule
CHANNEL	Canterbury	13.99 acres	NHLAK700060102-02	Aquatic Life	Not Assessed			
				Drinking Water After Adequate Treatment	Not Assessed			
				Fish Consumption	Not Supporting	Mercury	Atmospheric Depositon - Toxics	2017
				Primary Contact Recreation	Not Assessed			
				Secondary Contact Recreation	Not Assessed			
				Wildlife	Not Assessed			
FORT EDDY POND	Concord	20 acres	NHLAK700060302-01	Aquatic Life	Insufficient Information			
				Drinking Water After Adequate Treatment	Not Assessed			
				Fish Consumption	Not Supporting	Mercury	Atmospheric Depositon - Toxics	2017
				Primary Contact Recreation	Insufficient Information			
				Secondary Contact Recreation	Insufficient Information			
				Wildlife	Not Assessed			
GOODWIN POINT POND	Concord	37.19 acres	NHLAK700060302-11	Aquatic Life	Not Assessed			
				Drinking Water After Adequate Treatment	Not Assessed			
				Fish Consumption	Not Supporting	Mercury	Atmospheric Depositon - Toxics	2017

WATER TYPE: Lake

Assessment Unit Name	Primary Town	Size	Assessment Unit ID	Use Description	Attainment	Impairment Name	Source Name	TMDL Schedule
GOODWIN POINT POND	Concord	37.19 acres	NHLAK700060302-11	Primary Contact Recreation	Not Assessed			
				Secondary Contact Recreation	Not Assessed			
				Wildlife	Not Assessed			
GOODWIN POND POND	Concord	25.3 acres	NHLAK700060302-12	Aquatic Life	Not Assessed			
				Drinking Water After Adequate Treatment	Not Assessed			
				Fish Consumption	Not Supporting	Mercury	Atmospheric Depositon - Toxics	2017
				Primary Contact Recreation	Not Assessed			
				Secondary Contact Recreation	Not Assessed			
				Wildlife	Not Assessed			
HORSESHOE POND	Concord	44.9 acres	NHLAK700060302-02	Aquatic Life	Insufficient Information			
				Drinking Water After Adequate Treatment	Not Assessed			
				Fish Consumption	Not Supporting	Mercury	Atmospheric Depositon - Toxics	2017
				Primary Contact Recreation	Insufficient Information			
				Secondary Contact Recreation	Insufficient Information			
				Wildlife	Not Assessed			

WATER TYPE: River

Assessment Unit Name	Primary Town	Size	Assessment Unit ID	Use Description	Attainment	Impairment Name	Source Name	TMDL Schedule
Beaver Meadow Brook	Concord	2.83 miles	NHRIV700060302-10	Aquatic Life	Not Assessed			
				Drinking Water After Adequate Treatment	Not Assessed			
				Fish Consumption	Not Supporting	Mercury	Atmospheric Depositon - Toxics	2017
				Primary Contact Recreation	Not Assessed			
				Secondary Contact Recreation	Not Assessed			
				Wildlife	Not Assessed			
BOWEN BROOK - UNNAMED BROOK	Concord	1.86 miles	NHRIV700060302-18	Aquatic Life	Not Assessed			
				Drinking Water After Adequate Treatment	Not Assessed			
				Fish Consumption	Not Supporting	Mercury	Atmospheric Depositon - Toxics	2017
				Primary Contact Recreation	Not Assessed			
				Secondary Contact Recreation	Not Assessed			
				Wildlife	Not Assessed			
Bryant Brook	Canterbury	6.55 miles	NHRIV700060102-09	Aquatic Life	Not Assessed			
				Drinking Water After Adequate Treatment	Not Assessed			

WATER TYPE: River

Assessment Unit Name	Primary Town	Size	Assessment Unit ID	Use Description	Attainment	Impairment Name	Source Name	TMDL Schedule
Bryant Brook	Canterbury	6.55 miles	NHRIV700060102-09	Fish Consumption	Not Supporting	Mercury	Atmospheric Depositon - Toxics	2017
				Primary Contact Recreation	Not Assessed			
				Secondary Contact Recreation	Not Assessed			
				Wildlife	Not Assessed			
Burnham Brook	Canterbury	7.5 miles	NHRIV700060302-01	Aquatic Life	Not Assessed		Atmospheric Depositon - Toxics	2017
				Drinking Water After Adequate Treatment	Not Assessed			
				Fish Consumption	Not Supporting	Mercury		
				Primary Contact Recreation	Not Assessed			
				Secondary Contact Recreation	Not Assessed			
Cold Brook	Canterbury	3.12 miles	NHRIV700060102-11	Aquatic Life	Not Assessed		Atmospheric Depositon - Toxics	2017
				Drinking Water After Adequate Treatment	Not Assessed			
				Fish Consumption	Not Supporting	Mercury		
				Primary Contact Recreation	Not Assessed			
				Secondary Contact Recreation	Not Assessed			
				Wildlife	Not Assessed			

WATER TYPE: River

Assessment Unit Name	Primary Town	Size	Assessment Unit ID	Use Description	Attainment	Impairment Name	Source Name	TMDL Schedule
Contoocook River	Boscawen	0.44 miles	NHRIV700030507-10	Aquatic Life	Insufficient Information			
				Drinking Water After Adequate Treatment	Not Assessed			
				Fish Consumption	Not Supporting	Mercury	Atmospheric Depositon - Toxics	2017
				Primary Contact Recreation	Fully Supporting			
				Secondary Contact Recreation	Fully Supporting			
				Wildlife	Not Assessed			
Cross Brook	Salisbury	8.12 miles	NHRIV700060101-10	Aquatic Life	Not Assessed			
				Drinking Water After Adequate Treatment	Not Assessed			
				Fish Consumption	Not Supporting	Mercury	Atmospheric Depositon - Toxics	2017
				Primary Contact Recreation	Not Assessed			
				Secondary Contact Recreation	Not Assessed			
				Wildlife	Not Assessed			
Glimes Brook	Boscawen	5.6 miles	NHRIV700060102-03	Aquatic Life	Not Assessed			
				Drinking Water After Adequate Treatment	Not Assessed			
				Fish Consumption	Not Supporting	Mercury	Atmospheric Depositon - Toxics	2017

WATER TYPE: River

Assessment Unit Name	Primary Town	Size	Assessment Unit ID	Use Description	Attainment	Impairment Name	Source Name	TMDL Schedule
Glines Brook	Boscawen	5.6 miles	NHRIV700060102-03	Primary Contact Recreation	Not Assessed			
				Secondary Contact Recreation	Not Assessed			
				Wildlife	Not Assessed			
Hayward Brook	Concord	2.08 miles	NHRIV700060302-08	Aquatic Life	Not Assessed			
				Drinking Water After Adequate Treatment	Not Assessed			
				Fish Consumption	Not Supporting	Mercury	Atmospheric Depositon - Toxics	2017
				Primary Contact Recreation	Not Assessed			
				Secondary Contact Recreation	Not Assessed			
				Wildlife	Not Assessed			
Merrimack River	Franklin	0.87 miles	NHRIV700060101-12	Aquatic Life	Not Assessed			
				Drinking Water After Adequate Treatment	Not Assessed			
				Fish Consumption	Not Supporting	Mercury	Atmospheric Depositon - Toxics	2017
				Primary Contact Recreation	Fully Supporting			
				Secondary Contact Recreation	Fully Supporting			
				Wildlife	Not Assessed			
		1.12	NHRIV700060101-13	Aquatic Life	Not Assessed			

WATER TYPE: River

Assessment Unit Name	Primary Town	Size	Assessment Unit ID	Use Description	Attainment	Impairment Name	Source Name	TMDL Schedule
Merrimack River	Franklin	1.12 miles	NHRIV700060101-13	Drinking Water After Adequate Treatment	Not Assessed			
				Fish Consumption	Not Supporting	Mercury	Atmospheric Depositon - Toxics	2017
				Primary Contact Recreation	Not Assessed			
				Secondary Contact Recreation	Not Assessed			
				Wildlife	Not Assessed			
		1.75	NHRIV700060101-14	Aquatic Life	Not Assessed			
				Drinking Water After Adequate Treatment	Not Assessed			
				Fish Consumption	Not Supporting	Mercury	Atmospheric Depositon - Toxics	2017
				Primary Contact Recreation	Fully Supporting			
				Secondary Contact Recreation	Fully Supporting			
	Northfield	2.55	NHRIV700060102-01	Wildlife	Not Assessed			
				Aquatic Life	Not Assessed			
				Drinking Water After Adequate Treatment	Not Assessed			
				Fish Consumption	Not Supporting	Mercury	Atmospheric Depositon - Toxics	2017
				Primary Contact Recreation	Not Assessed			
				Secondary Contact Recreation	Not Assessed			



WATER TYPE: River

Assessment Unit Name	Primary Town	Size	Assessment Unit ID	Use Description	Attainment	Impairment Name	Source Name	TMDL Schedule
Merrimack River	Northfield	2.55 miles	NHRIV700060102-01	Wildlife	Not Assessed			
	Canterbury	1.83	NHRIV700060102-02	Aquatic Life	Not Assessed			
				Drinking Water After Adequate Treatment	Not Assessed			
				Fish Consumption	Not Supporting	Mercury	Atmospheric Depositon - Toxics	2017
				Primary Contact Recreation	Not Assessed			
				Secondary Contact Recreation	Not Assessed			
				Wildlife	Not Assessed			
		6.92	NHRIV700060102-15	Aquatic Life	Not Assessed			
				Drinking Water After Adequate Treatment	Not Assessed			
				Fish Consumption	Not Supporting	Mercury	Atmospheric Depositon - Toxics	2017
				Primary Contact Recreation	Fully Supporting			
				Secondary Contact Recreation	Fully Supporting			
				Wildlife	Not Assessed			
	Concord	1.81	NHRIV700060302-23	Aquatic Life	Not Assessed			
				Drinking Water After Adequate Treatment	Not Assessed			
				Fish Consumption	Not Supporting	Mercury	Atmospheric Depositon - Toxics	2017
				Primary Contact Recreation	Fully Supporting			

WATER TYPE: River

Assessment Unit Name	Primary Town	Size	Assessment Unit ID	Use Description	Attainment	Impairment Name	Source Name	TMDL Schedule
Merrimack River	Concord	1.81 miles	NHRIV700060302-23	Secondary Contact Recreation	Fully Supporting			
				Wildlife	Not Assessed			
		11.27	NHRIV700060302-24	Aquatic Life	Not Supporting	Aluminum	Source Unknown	2017
				Aquatic Life	Not Supporting	Dissolved oxygen saturation	Source Unknown	2017
				Aquatic Life	Not Supporting	pH	Source Unknown	2017
				Drinking Water After Adequate Treatment	Not Assessed			
				Fish Consumption	Not Supporting	Mercury	Atmospheric Depositon - Toxics	2017
				Primary Contact Recreation	Fully Supporting			
				Secondary Contact Recreation	Fully Supporting			
				Wildlife	Not Assessed			
		0.12	NHRIV700060302-25-01	Aquatic Life	Not Supporting	Other flow regime alterations	Impacts from Hydrostructure Flow Regulation/modification	
				Drinking Water After Adequate Treatment	Not Assessed			
				Fish Consumption	Not Supporting	Mercury	Atmospheric Depositon - Toxics	2017
				Primary Contact Recreation	Not Assessed			
				Secondary Contact Recreation	Not Assessed			
				Wildlife	Not Assessed			
				Aquatic Life	Not Supporting	Dissolved oxygen saturation	Source Unknown	2017
	Pembroke	2.54	NHRIV700060302-25-02	Aquatic Life	Not Supporting	Dissolved oxygen saturation	Source Unknown	2017

WATER TYPE: River

Assessment Unit Name	Primary Town	Size	Assessment Unit ID	Use Description	Attainment	Impairment Name	Source Name	TMDL Schedule
Merrimack River	Pembroke	2.54 miles	NHRIV700060302-25-02	Drinking Water After Adequate Treatment	Not Assessed			
				Fish Consumption	Not Supporting	Mercury	Atmospheric Depositon - Toxics	2017
				Primary Contact Recreation	Fully Supporting			
				Secondary Contact Recreation	Fully Supporting			
				Wildlife	Not Assessed			
Punch Brook	Franklin	0.45 miles	NHRIV700060101-06	Aquatic Life	Not Assessed			
				Drinking Water After Adequate Treatment	Not Assessed			
				Fish Consumption	Not Supporting	Mercury	Atmospheric Depositon - Toxics	2017
				Primary Contact Recreation	Not Assessed			
				Secondary Contact Recreation	Not Assessed			
RATTLESNAKE BROOK	Concord	0.75 miles	NHRIV700060302-11	Aquatic Life	Not Assessed			
				Drinking Water After Adequate Treatment	Not Assessed			
				Fish Consumption	Not Supporting	Mercury	Atmospheric Depositon - Toxics	2017
				Primary Contact Recreation	Not Assessed			

WATER TYPE: River

Assessment Unit Name	Primary Town	Size	Assessment Unit ID	Use Description	Attainment	Impairment Name	Source Name	TMDL Schedule
RATTLESNAKE BROOK	Concord	0.75 miles	NHRIV700060302-11	Secondary Contact Recreation	Not Assessed			
				Wildlife	Not Assessed			
		0.12	NHRIV700060302-12	Aquatic Life	Not Assessed			
				Drinking Water After Adequate Treatment	Not Assessed			
				Fish Consumption	Not Supporting	Mercury	Atmospheric Depositon - Toxics	2017
				Primary Contact Recreation	Not Assessed			
				Secondary Contact Recreation	Not Assessed			
				Wildlife	Not Assessed			
Shaw Brook	Franklin	2.52 miles	NHRIV700060101-02	Aquatic Life	Not Assessed			
				Drinking Water After Adequate Treatment	Not Assessed			
				Fish Consumption	Not Supporting	Mercury	Atmospheric Depositon - Toxics	2017
				Primary Contact Recreation	Not Assessed			
				Secondary Contact Recreation	Not Assessed			
				Wildlife	Not Assessed			
Stirrup Iron Brook	Boscawen	3.27 miles	NHRIV700060101-11	Aquatic Life	Not Supporting	pH	Source Unknown	2016
				Drinking Water After Adequate Treatment	Not Assessed			

WATER TYPE: River

Assessment Unit Name	Primary Town	Size	Assessment Unit ID	Use Description	Attainment	Impairment Name	Source Name	TMDL Schedule
Stirrup Iron Brook	Boscawen	3.27 miles	NHRIV700060101-11	Fish Consumption	Not Supporting	Mercury	Atmospheric Depositon - Toxics	2017
				Primary Contact Recreation	Fully Supporting			
				Secondary Contact Recreation	Fully Supporting			
				Wildlife	Not Assessed			
Tannery Brook	Boscawen	3.72 miles	NHRIV700060102-07	Aquatic Life	Not Supporting	pH	Source Unknown	2016
				Drinking Water After Adequate Treatment	Not Assessed			
				Fish Consumption	Not Supporting	Mercury	Atmospheric Depositon - Toxics	2017
				Primary Contact Recreation	Not Supporting	Escherichia coli		2016
				Secondary Contact Recreation	Fully Supporting			
				Wildlife	Not Assessed			
Turkey River	Concord	3.54 miles	NHRIV700060301-13	Aquatic Life	Fully Supporting			
				Drinking Water After Adequate Treatment	Not Assessed			
				Fish Consumption	Not Supporting	Mercury	Atmospheric Depositon - Toxics	2017
				Primary Contact Recreation	Not Supporting	Escherichia coli		2016
				Secondary Contact Recreation	Fully Supporting			

# WATER TYPE: River

Assessment Unit Name	Primary Town	Size	Assessment Unit ID	Use Description	Attainment	Impairment Name	Source Name	TMDL Schedule
Turkey River	Concord	3.54 miles	NHRIV700060301-13	Wildlife	Not Assessed			
UNNAMED BROOK - FROM UNNAMED POND TO MERRIMACK RIVER	Boscawen	0.21 miles	NHRIV700060102-13	Aquatic Life	Not Assessed			
				Drinking Water After Adequate Treatment	Not Assessed			
				Fish Consumption	Not Supporting	Mercury	Atmospheric Depositon - Toxics	2017
				Primary Contact Recreation	Not Assessed			
				Secondary Contact Recreation	Not Assessed			
				Wildlife	Not Assessed			
UNNAMED BROOK - TO MERRIMACK RIVER	Franklin	2.22 miles	NHRIV700060101-01	Aquatic Life	Not Assessed			
				Drinking Water After Adequate Treatment	Not Assessed			
				Fish Consumption	Not Supporting	Mercury	Atmospheric Depositon - Toxics	2017
				Primary Contact Recreation	Not Assessed			
				Secondary Contact Recreation	Not Assessed			
				Wildlife	Not Assessed			

WATER TYPE: River

Assessment Unit Name	Primary Town	Size	Assessment Unit ID	Use Description	Attainment	Impairment Name	Source Name	TMDL Schedule
UNNAMED BROOK - TO MERRIMACK RIVER	Franklin	1.26 miles	NHRIV700060101-07	Aquatic Life	Not Assessed			
				Drinking Water After Adequate Treatment	Not Assessed			
				Fish Consumption	Not Supporting	Mercury	Atmospheric Depositon - Toxics	2017
				Primary Contact Recreation	Not Assessed			
				Secondary Contact Recreation	Not Assessed			
				Wildlife	Not Assessed			
	Canterbury	1.37	NHRIV700060102-04	Aquatic Life	Not Assessed			
				Drinking Water After Adequate Treatment	Not Assessed			
				Fish Consumption	Not Supporting	Mercury	Atmospheric Depositon - Toxics	2017
				Primary Contact Recreation	Not Assessed			
				Secondary Contact Recreation	Not Assessed			
				Wildlife	Not Assessed			
UNNAMED BROOKS - FROM UNNAMED PONDS TO MERRIMACK RIVER	Canterbury	0.48 miles	NHRIV700060102-14	Aquatic Life	Not Assessed			

WATER TYPE: River

Assessment Unit Name	Primary Town	Size	Assessment Unit ID	Use Description	Attainment	Impairment Name	Source Name	TMDL Schedule
UNNAMED BROOKS - FROM UNNAMED PONDS TO MERRIMACK RIVER	Canterbury	0.48 miles	NHRIV700060102-14	Drinking Water After Adequate Treatment	Not Assessed			
				Fish Consumption	Not Supporting	Mercury	Atmospheric Depositon - Toxics	2017
				Primary Contact Recreation	Not Assessed			
				Secondary Contact Recreation	Not Assessed			
				Wildlife	Not Assessed			
UNNAMED BROOKS - TO MERRIMACK RIVER	Franklin	3.21 miles	NHRIV700060101-08	Aquatic Life	Not Assessed			
				Drinking Water After Adequate Treatment	Not Assessed			
				Fish Consumption	Not Supporting	Mercury	Atmospheric Depositon - Toxics	2017
				Primary Contact Recreation	Not Assessed			
				Secondary Contact Recreation	Not Assessed			
Winnepesaukee River	Franklin	1.95 miles	NHRIV700060101-03	Aquatic Life	Not Assessed			
				Drinking Water After Adequate Treatment	Not Assessed			



WATER TYPE: River

Assessment Unit Name	Primary Town	Size	Assessment Unit ID	Use Description	Attainment	Impairment Name	Source Name	TMDL Schedule
Winnepesaukee River	Franklin	1.95 miles	NHRIV700060101-03	Fish Consumption	Not Supporting	Mercury	Atmospheric Depositon - Toxics	2017
				Primary Contact Recreation	Not Assessed			
				Secondary Contact Recreation	Not Assessed			
				Wildlife	Not Assessed			
Woods Brook	Concord	0.71 miles	NHRIV700060302-15	Aquatic Life	Not Assessed		Atmospheric Depositon - Toxics	2017
				Drinking Water After Adequate Treatment	Not Assessed			
				Fish Consumption	Not Supporting	Mercury		
				Primary Contact Recreation	Not Assessed			
				Secondary Contact Recreation	Not Assessed			
				Wildlife	Not Assessed			